

REMARKS

Claims 1 and 2 are objected to because of repeated use of “or” in the claim. Claim 1 is canceled and claim 2 is amended to make this claim clearer. A new claim 10 is added to add punctuation to delimit groups enclosing each ‘or’ in Claim 2 if the examiner prefers this type of claim for clarity.

Claim 8 is objected to because the element step in line 12 should be in plural form. Applicant has amended to change “step” to “steps” in claim 8.

Claim 9 is objected to because it mentions about “the return” (line 1) and this has not been mentioned in claim 8. Applicants have amended the claim to correct this. The appropriate corrections are therefore made and it is believed that with these amendments applicant has overcome these claim objections.

Applicant has canceled claims 1, 3, and 5 -7.

Applicant has retained claims 2, 4, and 8-9 and added claim 10.

Claims 2, 4, 7-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Intel “IA-64 Software Conventions and Runtime Architecture Guide”, August 1999 (hereinafter Intel), in view of Mattson, Jr. USPN 6,317,870 (hereinafter Mattson).

As stated on page 24 beginning on line 20 of applicants specification, the single-trampoline may not work in certain conditions such as the need to use resources such as registers to prepare for a far call; the need to use different entry points for near and far calls; or other conditions in which a far call to the original call target cannot be made in a way that mimics a near call from the original caller. In this case a two-trampoline solution is needed. The examiner recognizes that Intel does not disclose that if resources

are a problem a step of using a sequence of trampolines. There is no suggestion in Intel or Mattson of this. The examiner references col. 1, lines 62-67 but that does not teach a sequence of trampolines as taught by applicant. The referenced text states that that there should be as many import stubs as the number of external functions referenced within the module. That describes one stub for each import stub. It does not teach a sequence of trampolines if the first trampoline does not reach the target or the solution to the need to use resources such as registers to prepare for a far call or different entry points for the near and far calls or other conditions. There is no teaching or suggestion of this in either reference of doing this or how this may be achieved. There is no teaching of a near call to the first trampoline, a far call from the first trampoline to the second trampoline and a near call from the second trampoline to the target. The examiner's suggestion is not based on the references but on applicant's own teaching. This is proscribed hindsight reasoning. Applicants Claim 2 is therefore deemed allowable. Claim 10 includes the same limitations as Claim 2 and is therefore deemed allowable for at least the same reasons as Claim 2.

Claim 4 which also calls for sequential trampolines first trampoline and if that does not reach a second trampoline and the process of determining this is deemed allowable for at least the same reasons. Claim 4 is further deemed allowable for the steps that are neither taught nor suggested in the Intel or Mattson references.

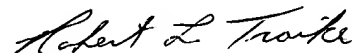
Claim 8 calls for "wherein if a single trampoline fails to work because of resources, then included are the steps of: generating a second trampoline and generating a far branch or call from said first trampoline to the second trampoline section and

generating at the second trampoline section a near call or branch to the target address.”
Clearly this is not taught in either reference.

Claim 9 dependent on Claim 8 is deemed allowable for at least the same reasons as claim 8. Claim 9 further calls for “including the step of returning to an original call by returning the control through the trampoline sections wherein a return is a near return from the target address to the second trampoline, a far return from the second trampoline to the first trampoline, and a near return from the first trampoline to the original call. This is shown in Figure 8. There is not teaching of this in the references.

In view of the above and early notice of allowance of Claims 2, 4, 8-10 is deemed in order and is respectfully requested.

Respectfully submitted;

A handwritten signature in cursive script, reading "Robert L. Troike".

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